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	Application Number		10602292	
INFORMATION BIOCLOGUES	Filing Date		2003-06-24	
INFORMATION DISCLOSURE	First Named Inventor Micha		ael B. Doerr	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2181	
(Not for Submission under 57 Of K 1.55)	Examiner Name Meon		onske, Tonia L.	
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	3	4493048		1985-01-08	Kung, et al.		
	4	4807183		1989-02-21	Kung, et al.		
	5	5634043		1997-05-27	Self, et al.		
	6	5805915		1998-09-08	Wilkinson, et al.		
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	1	Agarwal, "Raw Computation," Scientific American, August 1999, 5 pages.									
	2	Waingold et al., "Baring It All to Software: Raw Machines," IEEE Computer, September 1997, 8 pages.									
	3	Taylor et al., "The Raw Microprocessor: A Computational Fabric for Software Circuits and General-Purpose Programs," IEEE Micro, March-April 2002, 11 pages.									
	4	Lee et al., "Space-Time Scheduling of Instruction-Level Parallelism on a Raw Machine," Proceedings of the Eighth International Conference on Architectural Support for Programming Language and Operating Systems (ASPLOS-8), October, 1998, 11 pages.									

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5	Barua et al., "Compiler Support for Scalable and Efficient Memory Systems," IEEE Transactions on Computers, November 2001, 32 pages.	
6	Lee et al., "Convergent Scheduling," Proceedings of the 35th International Symposium on Microarchitecture (MICRO-35), November 2002,12 pages.	
7	Babb et al., "Parallelizing Applications into Silicon," Proceedings of the IEEE Workshop on FPGAs for Custom Computing Machines '99 (FCCM '99), April 1999, 11 pages.	
8	Babb et al., "The RAW Benchmark Suite: Computation Structures for General Purpose Computing," IEEE Symposium on Field-Programmable Custom Computing Machines (FCCM '97), April 1997, 10 pages.	
9	Babb et al., "Solving Graph Problems with Dynamic Computation Structures," SPIE Photonics East: Reconfigurable Technology for Rapid Product Development & Computing, November 1996, 12 pages.	
10	Frank et al., "SUDS: Primitive Mechanisms for Memory Dependence Speculation," MIT/LCS Technical Memo LCS-TM-591, January 6, 1999, 9 pages.	
11	Barua, "Maps: A Compiler-Managed Memory System for Software-Exposed Architectures," PhD Thesis, MIT Laboratory for Computer Science, January 2000, 161 pages.	
12	Barua et al., "Maps: A Compiler-Managed Memory System for Raw Machines," Proceedings of the Twenty-Sixth International Symposium on Computer Architecture (ISCA-26), June, 1999, 12 pages.	
13	Barua et al., "Memory Bank Disambiguation using Modulo Unrolling for Raw Machines," Proceedings of the Fifth International Conference on High Performance Computing, December, 1998, 9 pages.	
14	Moritz, et al., "Hot Pages: Software Caching for Raw Microprocessors," MIT/LCS Technical Memo LCS-TM-599, August, 1999, 12 pages.	
15	Miller, "Software Based Instruction Caching for the RAW Architecture," Master's Thesis, Massachusetts Institute of Technology, May, 1999, 39 pages.	

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1		Taylor et al., "How to build scalable on-chip ILP networks for a decentralized architecture," MIT/LCS Technical Memo MIT-LCS-TM-628, April 2000, 15 pages.					
1		Taylor et al., "Scalar Operand Networks: On-chip Interconnect for ILP in Partitioned Architectures," MIT/LCS Technical Report LCS-TR-859, July 2002, 20 pages.					
1		Taylor, "Design Decisions in the Implementation of a Raw Architecture Workstation," Master's Thesis, Massachusetts Institute of Technology, September, 1999, 90 pages.					
1	19	Moritz et al., "Exploring Optimal Cost-Performance Designs for Raw Microprocessors," Proceedings of the International IEEE Symposium on Field-Programmable Custom Computing Machines (FCCM 98), April 1998, 16 pages.					
2		Agarwal et al., "The Raw Compiler Project," Proceedings of the Second SUIF Compiler Workshop, Stanford, CA, 1997, 12 pages.					
2		PARKER, "A component-based architecture for parallel multi-physics PDE simulation," Future Generations Computer Systems, Elsevier Science Publishers, volume 22, no. 1-2, 2006, pages 204-216.					
2	22 AGARWAL, ANANT, ET AL., "The MIT Alewife Machine", Proceedings of the IEEE, Vol. 87, No. 3, March 1999, pages 430-444.						
2		HOUZET, D. ET AL., "A shared memory model on a cluster of PCs", Microprocessors and Microsystems, IPC Business Press Ltd. London, volume 23, no. 3, October 1, 1999, pages 125-134.					
2	KIMELMAN, D. ET AL., "Visualizing the Execution of High Performance Fortran (HPF) Programs", Proceedings of the 9th International Parallel Processing Symposium, Santa Barbara, CA, April 25-28, 1995, IEEE Computer Society, Los Alamitos, CA, April 25, 1995, pages 750-759.						
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